

Date: Wednesday, 1/31/2007 2:34:51 PM  
 User: Kim Johnston

## Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: SKIDTUBE ASSEMBLY
Job Number	: 30511		
Estimate Number	: 10022		
P.O. Number	: <i>N/A</i>	Part Number	: D205634011
This Issue	: 1/31/2007 S.O. No. : <i>N/A</i>	Drawing Number	: <i>N/A</i>
Prsht Rev.	: <i>NC</i>	Project Number	: <i>N/A</i>
First Issue	: <i>N/A</i> Type : LANDING GEAR	Drawing Revision	: <i>N/A</i>
Previous Run	: 30510	Material	: <i>N/A</i>
Written By	: <i>[Signature]</i>	Due Date	: 2/28/2007 Qty: 1 Um: Each
Checked & Approved By	: <i>[Signature]</i> 02.02.01		
Comment	: Est Rev: P 02.08.28 Removed QC5 from Step 5 KJ		

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	DC	DOCUMENT CONTROL
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Comment: DOCUMENT CONTROL

Photocopy bluefile &amp; type labels per PPP D205-634-011

CHG004

*KS 07-02-08* (1)

2.0	30511A	SKID TUBE ASSEMBLY
-----	--------	--------------------



Comment: Sub-Component SKID TUBE ASSEMBLY

D205-634-041 B. *30511*

3.0	PACKAGING 1	PACKAGING RESOURCE #1
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Comment: PACKAGING RESOURCE #1

Pick Packing Kit

4.0	K10003	D205-634-011 Saddle Kit
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Comment: Qty.: 1 Each(s)/Unit Total : 1 Each(s)

Pick:

Qty Part Number Description Batch

1 K10003 Saddle Kit *B30182*1 D205-634-041 Skidtube Assembly(ref) *B30511A*
*[Signature]* 07/04/03

5.0	QC4	INSPECT 100% KITS FOR COMPLETENESS
-----	-----	------------------------------------



Comment: INSPECT 100% KITS FOR COMPLETENESS

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☒ No ☐ DQA: ☒ Date: 07/04/05

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Wednesday, 1/31/2007 2:34:51 PM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: SKIDTUBE ASSEMBLY

Job Number: 30511

Part Number: D205634011

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D205-634-011

Location: REV: H

*Signature*  
07/04/05

7.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

*Signature*  
07/04/05

Job Completion



*Signature*  
07-04-04

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Wednesday, 1/31/2007 2:35:24 PM  
 User: Kim Johnston

## Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: SKID TUBE ASSEMBLY
Job Number	: 30511A		
Estimate Number	: 10023		
P.O. Number	: <i>N/A</i>	Part Number	: D205634041
This Issue	: 1/31/2007 S.O. No. : <i>N/A</i>	Drawing Number	: D2580 REV C
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: <i>N/A</i> Type : LANDING GEAR	Drawing Revision	: C
Previous Run	: 30510A	Material	: <i>N/A</i>
Written By	:	Due Date	: 2/28/2007
Checked & Approved By	: <i>JD 07.02.01</i>	Qty:	1 Um: Each
Comment	: Est Rev. N 02.08.28 FP was QC5 in Step 27; Added QC5 to Step 30 KJ Est Rev. O 06.02.28 Added paperwork EC		

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	DC	DOCUMENT CONTROL
-----	----	------------------



Comment: DOCUMENT CONTROL

Photocopy D205-634 bluefile &amp; type labels per PPP D205-634 CHG001

2.0	D25001190	Ext'n -I' Beam Tube 4"
-----	-----------	------------------------



Comment: Qty.: 1 Each(s)/Unit Total: 1 Each(s)

Pick:

Qty	Part Number	Description	Batch
1	D2500-1-190	Skid Tube Extrusion	<i>B 25858</i>

*JD 7-2-19*

3.0	D2596	205 Web
-----	-------	---------



Comment: Qty.: 1 Each(s)/Unit Total: 1 Each(s)

Pick:

Qty	Part Number	Description	Batch
1	D2596	205 Web	<i>B 29723</i>

*JD 7-2-21*

4.0	LANDING GEAR 1	LANDING GEAR RESOURCE 1
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Comment: LANDING GEAR RESOURCE 1

1- Inspect mat'l D2500-1-190 for damage

2-Cut D2500-1-190 per Dwg D2580 if necessary Deburr ends

3-Acid etch and Alodine tube per QSI 005 4.1

4-Drill pilot holes using drill jig DT 8149(Do not use cutting fluid)

*JD 7-2-19**JD 7-2-19*

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

Date: Wednesday, 1/31/2007 2:35:25 PM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: SKID TUBE ASSEMBLY

Job Number: 30511A

Part Number: D205634041

Job Number:



Seq. #:

Machine Or Operation:

Description:

5-Open holes to 0.500" as per Dwg D2580 without cutting fluid

6-Countersink holes as per Dwg D2580 without cutting fluid

7-Deburr and blow out all chips from inside of tube

8-Bond web in place per QSI 015. Allow 12 Hrs. cure time before cutting

Pick:

Qty Part Number Description Batch

AVR Sikaflex-291 M102672

Sikaflex expire date: 7-2-28

Start Time: 4:10 Date: 7-2-21

Fin Time: 2:30pm Date: 7-3-1

5.0

BENDING

BENDING MACHINE



Comment: BENDING MACHINE

1-Bend as per program D2580.C on CNC Bender and Folio FT009

2-Cut tubes as per Dwg. D2580

6.0

LANDING GEAR 1

LANDING GEAR RESOURCE 1



Comment: LANDING GEAR RESOURCE 1

1-Deburr ends after cutting. Remove alodine from around holes

7.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

8.0

D25763

Step (Machining Detail)



Comment: Qty.: 1 Each(s)/Unit Total: 1 Each(s)

Pick:

Qty Part Number Description Batch  
1 D2576-3 Step B29486

BE 07-03-13

9.0

D2579

Crossbolt Spacer



Comment: Qty.: 20 Each(s)/Unit Total: 20 Each(s)

Pick:

Qty Part Number Description Batch

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Drawing Name: SKID TUBE ASSEMBLY

Job Number: 30511A

Part Number: D205634041

Job Number:



Seq. #:

Machine Or Operation:

Description:

20

D2579

Spacers

B 30220

BE

07-03-13

10.0

LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

1-Prepare tube for welding D2576-3 Step Remove alodine as required.

BE 07-03-13

2-Weld step D2576 as per Dwg. D2580 and QSI 004

A/R

Aluminum Rod

M103317

BE 07-03-07

3-Weld crossbolt spacers D2579 as per Dwg. D2580 and QSI 004.

For D2579 spacers, weld one side, pass 3/8" drill, weld other side, pass 3/8" drill

A/R

Aluminum Rod

M103317

BE 07-03-13

4-Grind welds as per Dwg D2580 Grind flush ridge made from bending

Pm 07-03-07 BE 07-03-15

5-Drill holes for wearplates using DT 8217 Open holes to 19/64", adjust stopper not to hit web. Deburr

Pm 07-03-15

6-Counterbore crossbolt spacers to 7/16" ID x 1.0" deep as per Dwg D2580. Deburr holes

Pm 07-03-15

7-Drill pilot holes for aft cap using DT 8215 Open holes to #6 Drill bit. Deburr

Pm 07-03-15

8-Drill pilot holes for Tow ring using DT8091, open to .640" and Deburr

Pm 07-03-15

11.0

QC9

VISUAL WELDING INSPECTION



Comment: VISUAL WELDING INSPECTION

07/03/19

12.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

07/03/19

13.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Pressure wash as per QSI 005

M/psl

07-03-20

1

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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## Process Sheet

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Drawing Name: SKID TUBE ASSEMBLY

Job Number: 30511A

Part Number: D205634041

Job Number:



Seq. #:

Machine Or Operation:

Description :

14.0

POWDER COATING

POWDER COATING



m103706



Comment: POWDER COATING

Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3

FL/a.m

07/03/20 ①

15.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



①

Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

M.L

07/03/20

16.0

D25771

Wearplate Fwd



Comment: Qty.: 1 Each(s)/Unit Total: 1 Each(s)

Pick:

Qty	Part Number	Description	Batch
1	D2577-1	Wearplate	B29994

Batch

B29994

17.0

D25773

Wearplate Aft



Comment: Qty.: 1 Each(s)/Unit Total: 1 Each(s)

Pick:

Qty	Part Number	Description	Batch
1	D2577-3	Wearplate	B29660

Batch

B29660

18.0

D25775

Wearplate, Centre



Comment: Qty.: 1 Each(s)/Unit Total: 1 Each(s)

Pick:

Qty	Part Number	Description	Batch
1	D2577-5	Wearplate	B30874

Batch

B30874

19.0

ALS71032130

Insert



Comment: Qty.: 44 Each(s)/Unit Total: 44 Each(s)

Pick:

Qty	Part Number	Description	Batch
44	ALS7-1032-130	Inserts	m103495

Batch

m103495

FL

07/03/20

①

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: SKID TUBE ASSEMBLY

Job Number: 30511A

Part Number: D205634041

Job Number:



Seq. #:

Machine Or Operation:

Description :

20.0

AN960JD10L

Washer



Comment: Qty.: 44 Each(s)/Unit Total : 44 Each(s)

Pick:

Qty Part Number Description Batch  
4 4 AN960JD10L Washer m102832

21.0

AN34A

Bolt



Comment: Qty.: 44 Each(s)/Unit Total : 44 Each(s)

Pick:

Qty Part Number Description Batch  
44 AN3-4A Bolt m100857

22.0

D25941

Plug



Comment: Qty.: 16 Each(s)/Unit Total : 16 Each(s)

plug

Batch: B29490

23.0

D25943

O-Ring



Comment: Qty.: 16 Each(s)/Unit Total : 16 Each(s)

o-ring

Batch: B27168

24.0

D2855

Cap



Comment: Qty.: 1 Each(s)/Unit Total : 1 Each(s)

Cap

Batch: B27488

25.0

AN35A

Bolt



Comment: Qty.: 2 Each(s)/Unit Total : 2 Each(s)

Bolt

Batch: m15205

FD

07/03/27 ①

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☒ No ☐ DQA: 49 Date: 07/04/05  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Wednesday, 1/31/2007 2:35:25 PM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: SKID TUBE ASSEMBLY

Job Number: 30511A

Part Number: D205634041

Job Number:



Seq. #:

Machine Or Operation:

Description:

26.0

AN960JD10L

Washer



Comment: Qty.: 2 Each(s)/Unit Total: 2 Each(s)

Washer

Batch: m102832

27.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

1-Install inserts & wearplates as per Dwg. D2580. Use a drop of Sikaflex on insert holes before installing wearplates

A/R Sikaflex-291

Sikaflex expire date: 07/10

2-Coat D2594-3 O' rings with Petroleum Jelly and install on D2594-1 plugs as per Dwg D2580

3-Inspect for foreign object per QSI 024

4-Install 2855 Aft Cap as per Dwg D2580 and seal Fwd Step & Aft Cap with Sikaflex. Clean excess adhesive

A/R Sikaflex-291

Sikaflex expire date: 07/10

5-Wing Walk as per Dwg D2580 and QSI 005 4.4

m103707

Batch:

07/03/30 ①

28.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: Inspect Aft Cap, Fwd Step and Wing Walk of work to Current Step Inspect for Foreign objects per QSI 024

29.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D205-634-041

Location:

PPP Rev: PPP 30511

30.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



07/04/05 ①  
07-04-04

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries





RELEASED  
98/09/17 DS

DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D2580	REV. C SHEET 1 OF 2
DATE 98.08.26		TITLE 205 SKIDTUBE ASSEMBLY	SCALE NTS
A	96.09.16	NEW ISSUE	
B	96.12.02	AS MANUFACTURED	
C	98.08.26	REDRAWN, INCLUDED DEO 9094/9097	

QTY	Part Number	Description
X	D2580-041	SKIDTUBE ASSEMBLY
*	D2500-1	EXTRUSION
1	D2596	205 WEB
1	D2575	AFT CAP
1	D2576 - 3	STEP
20	D2579	CROSS BOLT SPACER
16	D2594-1	PLUG
16	D2594-3	O-RING
1	D2577-1	WEARSHOE
1	D2577-3	WEARSHOE
1	D2577-5	WEARSHOE
44	ALS7-1032-130 or AKS7-1032-130 or AKS4-1032-130 or ALS4-1032-130	INSERT
46	AN3-4A	BOLT
46	AN960JD10L	WASHER

# 00.08.28  
UP 00.08.28

EFFECTIVE DEOs  
98/12/14  
DEO 9124  
DEO 9183

#### GENERAL NOTES:

- 1) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) LENGTH OF D2500-1 EXTRUSION BEFORE BENDING = 190 INCHES \*
- 3) INSERT D2596 WEB TO LOCATION SHOWN OFF AFT END OF SKIDTUBE AND BOND WEB INTO OUTER TUBE WITH NON-STRUCTURAL SIKAFLEX-241 ADHESIVE PER DART QSI 015 BEFORE BENDING. ENSURE HOLES LINE-UP.
- 4) BEND AS A SMOOTH RADIUS STARTING WITH A MAXIMUM CENTERLINE RADIUS OF 60 AND ENDING WITH A MINIMUM RADIUS OF 30. A MAXIMUM REDUCTION OF 0.200 IN DIAMETER IS ALLOWABLE IN THE BENT PORTION OF THE TUBE.
- 5) USE DART DRILL TEMPLATE TD2577-205 TO LOCATE AND DRILL  $\varnothing 0.297$  HOLES FOR WEARSHOE INSERTS. INSTALL ALS7-1032-130 PER SECTION D-D (44 PLACES) AFTER FINISH. INSTALL AN3-4A BOLTS AND AN960JD10L WASHERS WITH SIKAFLEX-241.
- 6) WELDING TO BE DONE PER DART QSI 004.
- 7) FINISH:  
ACID ETCH, ALODINE PER DART QSI 005 4.1 PRIOR TO INSERTING D2596 WEB  
POWDER COAT ASSEMBLY GLOSS WHITE (REF 4.3.5.1) PER DART QSI 005 4.3  
BLACK ANTI-SKID PAINT AS INDICATED PER DART QSI 005 4.4
- 8) INSERT D2594-1 PLUG C/W D2594-3 O-RING IN HOLES MARKED 'P' (BOTH SIDES OF TUBE) AFTER FINISH (16 PLACES).

UNCONTROLLED COPY  
RETURN TO  
ENGINEERING  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 30511A

Diagram of a circular cross-section of a pipe with four vertical stiffeners. The stiffeners are spaced 3.500 units apart. The distance from the centerline to the outer edge of the stiffeners is 1.750 units.

Diagram illustrating the grinding locations on a propeller cross-section:

- GRIND FLUSH (4 PLACES)
- GRIND FLUSH
- D2576 STEP
- GRIND FLUSH
- LOCATION RIDGE ON UNDERSIDE OF D2576
- $\frac{1}{4}$

DRILL PRIOR TO D2575 CAP  
INSTALLATION (2 PLACES)

#0-208

AN3-4A BOLT (1)  
AN960JD10L WASHER (1)  
(2 PLACES)

D2575 CAP

SEAL WITH SIKAFLEX-241

UNDRILL

0.40

Diagram of a circular component with labels:

- 02579 SPACER
- 02596 WEB (REF)
- 0257-1032-130 (REF)
- (TYP 44 PLACES)

Diagram showing the component after performance:

1. CHA
2. INS
3. WE
4. C'B

0.40

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 30517A

D2596 WE  
LS7-1032-134  
CYP 44 5

[illegible]

Diagram illustrating a horizontal curve with two circular arcs. The first arc has a radius of 13.4 and a central angle of 4°. The second arc has a radius of 32.0 and a central angle of 4°. The distance between the hole and the tangent point for the first arc is 1.0, and for the second arc is 1.0. The total distance between the two tangent points is 20.0. The vertical offset from the original line to the curve is 1.4 at the start and 11.0 at the end. A dimension of 0.640 is shown for the second arc.

WELD AS PER DETAIL B

BLACK ANTI-SKID TOP OF STEP TO 0.5 ABOVE BOTTOM EDGE

BLACK ANTI-SKID TO 0.5 ABOVE LOCATION RIDGE

0.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5

D D

P P P P P P P P

REFER TO DETAIL C

D2577-3

D2577-5

D2577-1

8

AN3-4A BOLT (1)  
AN960JD10L WASHER (1)  
(44 PLACES)

DESIGN *DWA*

DRAWN BY *CP*

**PAR**

RELEASE  
98/09/17 DS

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**Jason Murdoch**

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**From:** Bill Beckett [bbeckett@dartaero.com]  
**Sent:** Monday, February 05, 2007 1:10 PM  
**To:** 'Jason Murdoch'  
**Cc:** 'L. Lacelle'  
**Subject:** RE: sikaflex-291

Jason,  
Yes.  
Bill

---

**From:** Jason Murdoch [mailto:jmurdoch@dartaero.com]  
**Sent:** February 5, 2007 12:49 PM  
**To:** 'Bill Beckett'  
**Subject:** sikaflex-291

Bill,  
We have 25 tubes of sikaflex-291, batch M102672, that expires at 02/2007. Is it acceptable to use the remainder until the end of this month?

jmurdoch@dartaero.com  
Q.C. COORDINATOR

NO. 97

AWS D17.1.2001  
QUALIFICATION TEST RECORD

Name Barday Elliott  
Joint Welding Procedure Tig  
Part number and Job number D205634041 / B30510 A

TEST WELDS REQUIRED

BASE METAL Alum WELDING PROCESS Tig  
Penetration Complete ☐ Partial ☒ Single Weld ☒ Double Weld ☐  
Current AC ☒ DC ☐ Backing YES ☐ NO ☒

	Position	Vertical	Down <input type="checkbox"/>	Up <input type="checkbox"/>
Sheet Groove	1G <input type="checkbox"/>	2G <input checked="" type="checkbox"/>	3G <input type="checkbox"/>	4G <input type="checkbox"/>
Tube Groove	1G <input type="checkbox"/>	2G <input checked="" type="checkbox"/>	5G <input type="checkbox"/>	6G <input type="checkbox"/>
Sheet Fillet	1F <input type="checkbox"/>	2F <input checked="" type="checkbox"/>	3F <input type="checkbox"/>	4F <input type="checkbox"/>
Tube Fillet	1F <input type="checkbox"/>	2F <input checked="" type="checkbox"/>	4F <input type="checkbox"/>	5F <input type="checkbox"/>

Crossbolt Spacer Welded into Skidtube

TEST RESULTS

Visual Pass ☒ Fail ☐  
Penetration Pass ☒ Fail ☐  
Crossbolt Spacer Pass ☒ Fail ☐

The above named individual is qualified in accordance with AWS D17.1.2001 to weld

Date of Test Coupon 07/03/08 Qualifier David Nawal

Date: Friday, 09/02/2007 9:59:35 AM  
User: Linda Lacelle

# Process Sheet

<b>Customer</b> : CC-DAR01 Dart Aerospace Ltd.	<b>Drawing Name</b> : D205-635 / D204-635
<b>Job Number</b> : 30722	
<b>Estimate Number</b> : 10804	
<b>P.O. Number</b> : N/A	<b>Part Number</b> : Z-CUSTOM ECN952/908
<b>This Issue</b> : 09/02/2007 <b>S.O. No.</b> : N/A	<b>Drawing Number</b> : UPDATE PAPERWORK
<b>Prsht Rev.</b> : NC	<b>Project Number</b> : N/A
<b>First Issue</b> : N/A <b>Type</b> : OVERHEAD	<b>Drawing Revision</b> : N/A
<b>Previous Run</b> : 00015	<b>Material</b> : N/A
<b>Written By</b> :	<b>Due Date</b> : 16/02/2007 <b>Qty:</b> 1 <b>Um:</b> Each
<b>Checked &amp; Approved By</b> :	
<b>Comment</b> :	

## Additional Product

Job Number:



<b>Seq. #:</b>	<b>Machine Or Operation:</b>	<b>Description :</b>
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1.0	PACKAGING 1	PACKAGING RESOURCE #1
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**Comment:** PACKAGING RESOURCE #1

ADD NEW PAPERWORK TO KITS IN STOCK

TC STC SH96-88, ISSUE 3 / FAA STC SR00563N4

D205-634-011

D205-634-041

D205-634-043

D205-634-045

D204-635-011

D204-635-041

*voir papier  
avec ✓*

*7/4/27 SQ*

2.0	PACKAGING 1	PACKAGING RESOURCE #1
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**Comment:** PACKAGING RESOURCE #1

RETURN TO STOCK

*7/4/27 SQ*